WEST

Generate Collection

L18: Entry 17 of 18 File: DWPI Sep 28, 1992

DERWENT-ACC-NO: 1992-370192
DERWENT-WEEK: 199245
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TITLE: Calcium-contg. drinking water prodn. with slightly sweet taste - involves treating water with ultrafilter and/or reverse osmosis membrane, then by unglazed ceramic and then by calcium sulphate

T TX:
CALCIUM CONTAIN DRINK WATER PRODUCE SLIGHT SWEET TASTE TREAT WATER ULTRAFILTER REVERSE OSMOSIS MEMBRANE UNGLAZED CERAMIC CALCIUM SULPHATE

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L18: Entry 17 of 18 File: DWPI Sep 28, 1992

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DERWENT-WEEK: 199245
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TITLE: Calcium-contg. drinking water prodn. with slightly sweet taste - involves treating water with ultrafilter and/or reverse osmosis membrane, then by unglazed ceramic and then by calcium sulphate

PATENT-ASSIGNEE:

ASSIGNEE	CODE
JRC KK	JRCJN

PRIORITY-DATA:
1991JP-0053749 February 27, 1991

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04271894 A	September 28, 1992	N/A	004	C02F001/68

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
JP04271894A	February 27, 1991	1991JP-0053749	N/A

INT-CL (IPC): C02F 1/28; C02F 1/44; C02F 1/68; C02F 9/00

ABSTRACTED-PUB-NO: JP04271894A
BASIC-ABSTRACT:

Prodn. comprises treating raw water by a reverse osmosis membrane and/or a ultrafilter, then by unglazed ceramic obtd. by sintering a cylindrical moulding contg. (a) clay of Paleozoic era comprising fossil layer mainly consisting of diatomaceous earth and (b) monazite as effective components, at 700-1100 deg.C in a reducing atmos., and then by a material contg. CaSO4 from coral as the principal component.

Before the treatment by a reverse osmosis membrane and/or a ultrafilter, the water can be pretreated by an unglazed ceramic. To produce the unglazed ceramic, the clay and the monazite are mixed in a wt. ratio of 50-95:5 after grinding them to a proper size.

USE/ADVANTAGE - The water is used not only for drinking, but for cultivating grapes and tomatos, for preservation, for toilets and for diluting water of surfactant. The drinking water shows NMR spectrum different from that of water produced by a conventional method and has a slightly sweet taste.

ABSTRACTED-PUB-NO: JP04271894A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: C04 D15 L02
CPI-CODES: C05-A01B; C05-C08; C12-J01; C12-M06; D04-A01E; L02-G;

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L18: Entry 14 of 18 File: DWPI Aug 30, 2000

DERWENT-ACC-NO: 2000-665621
DERWENT-WEEK: 200065
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TITLE: Process for preparing calcium-supplementing drinking water

INVENTOR: WANG, S

PATENT-ASSIGNEE:

ASSIGNEE	CODE
WANG S	WANGI

PRIORITY-DATA:
2000CN-0102052 February 24, 2000

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1264682 A	August 30, 2000	N/A	000	C02F001/68

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
CN 1264682A	February 24, 2000	2000CN-0102052	N/A

INT-CL (IPC): C02F 1/68

ABSTRACTED-PUB-NO: CN 1264682A
BASIC-ABSTRACT:

NOVELTY - A process for preparing the calcium-supplementing drinking water as a health-care beverage uses hydrated calcium sulfate ($CaSO_4.2H_2O$) and natural soft gypsum as basic raw materials, and includes mixing them with water to become paste, and mixing boiling water with it for quickly dissolving to obtain ion-state drinking water. Its advantages are simple process, rich in Ca ions, S ions and crystallized water.

Feb 24 2000
June 20 int

ABSTRACTED-PUB-NO: CN 1264682A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: D13 D15
CPI-CODES: D03-H01G; D04-A01;

WEST

Generate Collection

L18: Entry 14 of 18 File: DWPI Aug 30, 2000

DERWENT-ACC-NO: 2000-665621
DERWENT-WEEK: 200065
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TITLE: Process for preparing calcium-supplementing drinking water

ABTX:
NOVELTY - A process for preparing the calcium-supplementing drinking water as a health-care beverage uses hydrated calcium sulfate ($CaSO_4.2H_2O$) and natural soft gypsum as basic raw materials, and includes mixing them with water to become paste, and mixing boiling water with it for quickly dissolving to obtain ion-state drinking water. Its advantages are simple process, rich in Ca ions, S ions and crystallized water.

TTX:
PROCESS PREPARATION CALCIUM SUPPLEMENTARY DRINK WATER

USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate" same drink$3) and ("calcium sulfate" near drink$3)	0	L19
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate" same drink$3)	18	L18
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate" same beverage) and ("calcium sulfate" near beverage)	0	L17
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate" same beverage)	22	L16
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate dihydrate" same beverage)	0	L15
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate dihydrate") and (supplemented)	1	L14
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate dihydrate") and (fortified)	1	L13
USPT,JPAB,EPAB,DWPI,TDBD	19 and ("calcium sulfate dihydrate")	43	L12
USPT,JPAB,EPAB,DWPI,TDBD	19 and (flavor4$)	0	L11
USPT,JPAB,EPAB,DWPI,TDBD	15 and ("calcium sulfate") and (beverage near (calcium adj sulfate))	0	L10
USPT,JPAB,EPAB,DWPI,TDBD	15 and ("calcium sulfate")	1007	L9
USPT,JPAB,EPAB,DWPI,TDBD	14 and (water) and (water near "calcium sulfate") and (beverage near water)	0	L8
USPT,JPAB,EPAB,DWPI,TDBD	14 and (water) and (water near "calcium sulfate")	15	L7
USPT,JPAB,EPAB,DWPI,TDBD	14 and (water)	3859	L6
USPT,JPAB,EPAB,DWPI,TDBD	12 and (beverage) or (drink)	55710	L5
USPT,JPAB,EPAB,DWPI,TDBD	12 and (beverage)	4318	L4
USPT,JPAB,EPAB,DWPI,TDBD	calcium sulfate and (calcium adj sulfate) and (beverage or drink)	324087	L3
USPT,JPAB,EPAB,DWPI,TDBD	calcium sulfate and (calcium adj sulfate)	324087	L2
USPT,JPAB,EPAB,DWPI,TDBD	calcium sulfate	532105	L1

WEST

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Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences

Search Results -

Terms	Documents
("calcium sulfate") near dihydrate and (beverage or drink)	77

Database: US Patents Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Refine Search: ("calcium sulfate") near dihydrate and (beverage or drink)and ("calcium sulfate") same (beverage or drink) Clear

Search History

Today's Date: 1/14/2001

DB Name	Query	Hit Count	Set Name
USPT,JPAB,EPAB,DWPI,TDBD	("calcium sulfate") near dihydrate and (beverage or drink)	77	L26
USPT,JPAB,EPAB,DWPI,TDBD	("calcium sulfate") near dihydrate	1651	L25
USPT,JPAB,EPAB,DWPI,TDBD	("calcium sulfate dihydrate") near (beverage or drink)	0	L24
USPT,JPAB,EPAB,DWPI,TDBD	("calcium sulfate dihydrate") same (beverage or drink)	0	L23
USPT,JPAB,EPAB,DWPI,TDBD	l5 and ("calcium sulfate dihydrate") and ("calcium sulfate dihydrate") near (beverage or drink) and ("calcium sulfate dihydrate") adj (beverage)	647	L22
USPT,JPAB,EPAB,DWPI,TDBD	l5 and ("calcium sulfate dihydrate") and ("calcium sulfate dihydrate") near (beverage or drink)	1009	L21
USPT,JPAB,EPAB,DWPI,TDBD	l5 and ("calcium sulfate dihydrate")	43	L20

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End of Result Set

Generate Collection

L18: Entry 18 of 18 File: DWPI Mar 11, 1982

DERWENT-ACC-NO: 1982-31867E
DERWENT-WEEK: 198216
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TITLE: Food or drink additive - contg. bittern and opt. soluble calcium sulphate, improves taste and adds minerals

ABTX:
Additive comprises bittern and opt. soluble calcium salt. It can be combined with food, drink, seasoning, feed, etc. to improve taste, intensify saltiness and supply minerals. When diluted by 40 times, bittern does not taste bitter but improves the taste of water, alcohol, etc.

ABTX:
Pref. Ca salt is added when bittern is prepd. so as not to crystallise out calcium sulphate. Pref. solid bittern is used, which is obtd. by combining Ca salt, common salt, dextrin, starch and/or bread crumbs with solid bittern and opt. tabletting.

TTX:
FOOD DRINK ADDITIVE CONTAIN BITTERN OPTION SOLUBLE CALCIUM SULPHATE IMPROVE TASTE ADD MINERAL

didn't use

WEST

End of Result Set

Generate Collection

L18: Entry 18 of 18 File: DWPI Mar 11, 1982

DERWENT-ACC-NO: 1982-31867E
DERWENT-WEEK: 198216
COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Food or drink additive - contg. bittern and opt. soluble calcium sulphate, improves taste and adds minerals

ABTX:
Additive comprises bittern and opt. soluble calcium salt. It can be combined with food, drink, seasoning, feed, etc. to improve taste, intensify saltiness and supply minerals. When diluted by 40 times, bittern does not taste bitter but improves the taste of water, alcohol, etc.

ABTX:
Pref. Cu salt is added when bittern is prepd. so as not to crystallise out calcium sulphate. Pref. solid bittern is used, which is obtd. by combining Ca salt, common salt, dextrin, starch and/or bread crumbs with solid bittern and opt. tabletting.

TTX:
FOOD DRINK ADDITIVE CONTAIN BITTERN OPTION SOLUBLE CALCIUM SULPHATE IMPROVE TASTE ADD MINERAL

WEST

Generate Collection

L18: Entry 17 of 18 File: DWPI Sep 28, 1992

DERWENT-ACC-NO: 1992-370192
DERWENT-WEEK: 199245
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TITLE: Calcium-contg. drinking water prodn. with slightly sweet taste - involves treating water with ultrafilter and/or reverse osmosis membrane, then by unglazed ceramic and then by calcium sulphate

T TX:
CALCIUM CONTAIN DRINK WATER PRODUCE SLIGHT SWEET TASTE TREAT WATER ULTRAFILTER REVERSE OSMOSIS MEMBRANE UNGLAZED CERAMIC CALCIUM SULPHATE

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DERWENT-WEEK: 199245
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PATENT-ASSIGNEE:

ASSIGNEE	CODE
JRC KK	JRCJN

PRIORITY-DATA:
1991JP-0053749 February 27, 1991

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04271894 A	September 28, 1992	N/A	004	C02F001/68

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
JP04271894A	February 27, 1991	1991JP-0053749	N/A

INT-CL (IPC): C02F 1/28; C02F 1/44; C02F 1/68; C02F 9/00

ABSTRACTED-PUB-NO: JP04271894A
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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: C04 D15 L02
CPI-CODES: C05-A01B; C05-C08; C12-J01; C12-M06; D04-A01E; L02-G;